GUT

The Journal of the British Society of Gastroenterology

Index to Volume VI

1965

Index to Volume VI

ACHESON, E. D. *See* EVANS, J. G., and ACHESON, E. D.

Achlorhydria, radiological appearances in, **137**

Adrenal gland, ganglioneuroma of, as cause of diarrhoea and failure to thrive in childhood, **103**

ALARCÓN-SEGOVIA, D., HERSKOVIC, T., DEARING, W. H., BARTHOLOMEW, L. G., CAIN, J. C., and SHORTER, R. G.: Lupus erythematosus cell phenomenon in patients with chronic ulcerative colitis, **39**

Alkalosis, congenital, with diarrhoea, so-called, **29**

AMDRUP, E. *See* WORNING, H., and AMDRUP, E.

Ammonium chloride infusions, effect on ammonium levels and acidity of gastric juice, **349**

Amoebiasis, intestinal, bacterial flora in, **588**

—, —, incidence of, **454**

Amyloidosis, primary, gastrointestinal haemorrhage and protein loss in, **14**

Anaemia, pernicious, intrinsic factor antibodies and intrinsic factor mediated vitamin B_{12} absorption in, **435**

Anal canal, pressure zone in, contribution of external anal sphincter to, **64**

— continence and defaecation, some aspects of, **396**

— region, Crohn's disease of, **515**

— sphincter, external, contribution of, to pressure zone in anal canal, **64**

ANDERSON, C. M.: Ganglioneuroma as cause of diarrhoea and failure to thrive in childhood, **103**

ANDRÝSEK, O. *See* GREGOR, O., ANDRÝSEK, O., BEDNÁŘ, B., HANÍK, L., VANĚČKOVÁ, O., and ŠÍSTEK, K.

Angiography, abdominal, selective, **477**

Antacid dosage in peptic ulcer, **102**

ANTHONISEN, P. *See* WOLF-JÜRGENSEN, P., ANTHONISEN, P., and RIIS, P.

ANTIA, F. P., DESAI, H. G., CHAPHEKAR, P. M., CHHABRA, R. H., SWAMI, R. H., and BORKAR, A. V.: Bacterial flora in intestinal amoebiasis, **588**

—, —, JEEJEEBHOY, K. N., and BORKAR, A. V.: Incidence of intestinal amoebiasis, **454**

APSIMON, H. T. *See* RHODES, J., APSIMON, H. T., and PRESTWICH, J. C.

ARDEMAN, S., and CHANARIN, I.: Intrinsic factor antibodies and intrinsic factor mediated vitamin B_{12} absorption in pernicious anaemia, **436**

ARDRAN, G. M. *See* PAINTER, N. S., TRUELOVE, S. C., ARDRAN, G. M., and TUCKEY, M.

Aspirin as cause of gastric haemorrhage, **1**

Australia, changing incidence of gastric ulcer in, **102**, **121**

AYLETT, P.: Gastric emptying and secretion in patients with diabetes mellitus, **262**

Azothioprine and 6-mercaptopurine in treatment of lupoid hepatitis, **103**

BABOURIS, N., FLETCHER, J., and LENNARD-JONES, J. E.: Effect of different foods on acidity of gastric contents in patients with duodenal ulcer. Part II, Effect of varying the size and frequency of meals, **118**

— *See also* LENNARD-HONES, J. E., and BABOURIS, N.

BAKER, S. J. *See* VAISH, S. K., SAMPATHKUMAR, J., JACOB, R., and BAKER, S. J.

BANK, S., MARKS, I. N., SEALY, R., LOUW, J. H., and SILBER, W.: Malignant Zollinger-Ellison syndrome in a Bantu woman with a prolonged remission after gastric radiotherapy, **279**

Bantu woman, malignant Zollinger-Ellison syndrome in, with prolonged remission after gastric radiotherapy, **279**

BANWELL, J. G., LEONARD, P. J., and LOBO, R. M. F.: Measurement of trypsin and chymotrypsin activity in stools to detect chronic pancreatic disease, **143**

BARON, J. H. *See* MISIEWICZ, J. J., LENNARD-JONES, J. E., CONNELL, A. M., BARON, J. H., and JONES, F. A.

BARTHOLOMEW, L. G. *See* ALARCÓN-SEGOVIA, D., HERSKOVIC, T., DEARING, W. H., BARTHOLOMEW, L. G., CAIN, J. C., and SHORTER, R. G.

BECK, I. T., KAHN, D. S., LACERTE, M., SOLYMAR, J., CALLEGARINI, O., GEOKAS, M. C., and PHELPS, E.: Chronic duodenitis: a clinical pathological entity? **376**

BEDNÁŘ, B. *See* GREGOR, O., ANDRÝSEK, O., BEDNÁŘ, N., HANÍK, L., VANĚČKOVÁ, O., and ŠÍSTEK, L.

BEESTON, D. *See* PIPER, D. W., GRIFFITH, E. M., FENTON, B. H., and BEESTON, D.

Barrett's epithelium, secretory function of, **535**

BARTON, C. J. *See* MILNER, P. F., IRVINE, R. A., BARTON, C. J., BRAS, G., and RICHARDS, R.

Betazole hydrochloride, effect on ammonium levels and acidity of gastric juice, **349**

BIGGS, J. C. *See* DAVIS, A. E., and BIGGS, J. C.

— *See also* HENNESSY, W. B., and BIGGS, J. C.

Bile duct, lower common, diverticula of, gall stones in, **95**

—, hepatic, protein loss in, **103**

BILLINGTON, B. P.: Comments on the Australian gastric ulcer change, **102**

—: Observations from New South Wales on the changing incidence of gastric ulcer in Australia, **121**

Biuret reaction in determination of protein concentration after peptic digestion and acid hydrolysis of protein, **599**

BLAIR, D. W., WILLIAMS, M. J., CARR, A. J., and KILPATRICK, S. J.: Effect of L-thyroxine on gastric secretion in the pylorus-ligated rat, **343**

Blood group, ABO, and secretor status in relation to clinical characteristics of peptic ulcers, **270**

—, occult, influence of diet on tests for, **595**

BLUMGART, L. H.: Experimental studies in gastric hypothermia, **206**

—, NAYLOR, F. D., and DUTHIE, H. L.: Assessment of a new inlet device for use in gastric hypothermia, **407**

BORKAR, A. V. *See* ANTIA, F. P., DESAI, H. G., CHAPHEKAR, P. M., CHHABRA, R. H., SWAMI, R. H., and BORKAR, A. V.

— *See also* ANTIA, F. P., DESAI, H. G., JEEJEEBHOY, K. N., and BORKAR, A. V.

BRAS, G. *See* MILNER, P. F., IRVINE, R. A., BARTON, C. J., BRAS, G., and RICHARDS, R.

BRINK, B. M., SCHLEGEL, J. F., and CODE, C. F.: The pressure profile of the gastroduodenal junctional zone in dogs, **163**

British society of Gastroenterology, annual meeting, 1964, **203**

Bromsulphalein excretion, effect of age on liver function with particular reference to, **266**

—, value as indicator of fluid content in intestinal lumen, **487**

Bronchus, carcinoma of, malabsorption syndrome associated with, **73**

BUCHAN, R., and CLARK, C. G.: Experimental gastric hypothermia, **206**

—, —: Gastric freezing in the rat, **494**

BUCKLER, K.: Gastric emptying time, **203**

BUTLER, T. J., and EASTHAM, R. D.: Absorption studies after gastrojejunostomy with and without vagotomy, **69**

CAIN, J. C. *See* ALARCÓN-SEGOVIA, D., HERSKOVIC, T., DEARING, W. H., BARTHOLOMEW, K. G., CAIN, J. C., and SHORTER, R. G.

CALLEGARINI, O. *See* BECK, I. T., KAHN, D. S., LACERTE, M., SOLYMAR, J., CALLEGARINI, O., GEOKAS, M. C., and PHELPS, E.

CAMATTE, R. *See* SARLES, H., SARLES, J. C., CAMATTE, R., MURATORE, R., GAINI, M., GUIEN, C., PASTOR, J., and LE ROY, F.

Carbenoxolone sodium, and oestrogens in treatment of gastric ulcer, **19**

— — in treatment of gastric ulcer, **591**

Carcinoma, bronchial, malabsorption syndrome associated with, **73**

—, duodenal, metastasizing, with Peutz-Jeghers syndrome, **179**

—, gastric, diagnostic cytology for early diagnosis of, **104**

— —, macroautoradiography with radiophosphorus in, **234**

—, —, protein content in gastric juice in, **602**

— —, surface, **185**

CARD, W. I. *See* MAKHLOUF, G. M., MCMANUS, J. P. A., and CARD, W. I.

Cardia, achalasia of, reflux after operation for, **80**

Cardiomyotomy, reflux after, **80**

CARR, A. J. *See* BLAIR, D. W., WILLIAMS, M. J., CARR, A. J., and KILPATRICK, S. J.

Castor oil, malabsorption of small doses of, in patients without steatorrhoea, **570**

Catheterization, portal, in dogs: new technique, **613**

CHHABRA, R. H. *See* ANTIA, F. P., DESAI, H. G., CHAPHEKAR, P. M., CHHABRA, R. H., SWAMI, R. H., and BORKAR, A. V.

CHANARIN, I. *See* ARDEMAN, S., and CHANARIN, I.

CHAPHEKAR, P. M. *See* ANTIA, F. P., DESAI, H. G., CHAPHEKAR, P. M., CHHABRA, R. H., SWAMI, R. H., and BORKAR, A. V.
CHAPMAN, B. *See* DUGAN, J. M., and CHAPMAN, B.
Chloridorrhoea, congenital, **29**
Cholinergic potentiation of the gastric response to histamine in man, **204**
^{51}Cr, value as indicator of fluid content of intestinal lumen, **487**
Cirrhosis, hepatic, controlled clinical trial of glutathione in, **472**
CLARK, C. G. *See* BUCHAN, R., and CLARK, C. G.
CLARK, D. H. *See* TANKEL, H. I., CLARK, D. H., and LEE, F. D.
CLARK, R. V., THOMAS, I. ^{3}G., and ROY, A. D.: Sigmoidoscopic and radiological study of recto-sigmoid junction, **509**
CODE, C. F. *See* BRINK, B. M., SCHLEGEL, J. F., and CODE, C. F.
Coeliac syndrome, post-mortem examination of a small intestine in, **466**
COGHILL, N. F., DONIACH, D., ROITT, I. M., MOLLIN, D. L., and WILLIAMS, A. W.: Autoantibodies in simple atrophic gastritis, **48**
Colchicine, effect on small intestinal mucosa of rat, **101**
COLE, F. L. *See* ELLIS, F., and COLE, F. L.
COLE, G. J.: A review of 436 cases of intestinal obstruction in Ibadan, **151**
Colitis, pseudo-membranous, **104, 207**
—, retention enemata in, modified technique for administration, **514**
—, ulcerative, active, serum complement levels in, **172**
—, chronic ulcerative, lupus erythematosus cell phenomenon in patients with, **39**
—, ulcerative, course of, **203**
—, —, cutaneous abacterial inflammatory reaction in patients with, **221**
—, —, effect of diet in, **203**
—, —, epidemiological study in Oxford area, **311**
—, —, familial, **176**
—, —, in remission, prednisone and sulphasalazine as maintenance treatments for, **204**
—, —, non-specific, prevalence and clinical pattern in northern India, **448**
—, —, upper intestinal motility in, **325**
Colon, hypermotility of, after meals, abdominal pain associated with **105**
— in diverticulosis, effect of morphine, prostigmine, pethidine, and probanthine on, studied by intraluminal pressure recording and cineradicgraphy. **57**
—, irradiation injury to, **444**
—, irritable, syndrome, upper intestinal motility in, **325**
—, pelvic, motility of, **105**
—, surgery of, control of intestinal flora by means of antibacterial drugs in, **582**
CONNELL, A. M., JONES, F. A., and ROWLANDS, E. N.: Motility of the pelvic colon. Part IV. Abdominal pain associated with colonic hypermotility after meals, **105**
—. *See also* MISIEWICZ, J. J., LENNARD-JONES, J. E., CONNELL, A. M., BARON, J. H., and JONES, F. A.
COOK, G. C., and SHERLOCK, S.: Results of a controlled clinical trial of glutathione in cases of hepatic cirrhosis, **472**
CORNES, J. S.: Number, size, and distribution of Peyer's patches in the human small intestine. Part I. The development of Peyer's patches. **225**. Part II. The effect of age on Peyer's patches, **230**
CRAIGIE, A. *See* WALKER, J. G., ROSENOER, V. M., CRAIGIE, A., WILLIAMS, A. E., and SHERLOCK, S.
CRANE, C. W.: Observations on the sodium and potassium content of mucus from the large intestine, **439**
CREAMER, B., and LEPPARD, P.: Post-mortem examination of a small intestine in the coeliac syndrome, **466**
—. *See also* PIERCE, J. W., CREAMER, B., and MACDERMOT, V.
CREAN, G. P.: The influence of the endocrine system on the growth of the gastric mucosa in the rat, **204**
Crohn's disease of anal region, **515**
— — of large intestine, radiology of, **205**
— syndrome, study of, using tissue extracts and Kveim and Mantoux tests, **503**
Crosby small-intestinal capsule, use of Odman-Ledin catheter and Seldinger wire with, **101**
— — — — with radio-opaque tube and latex sheath, **99**
Cytology, diagnostic, for early diagnosis of carcinoma of stomach, **104**

DALY, D. W., HEATHCOTE, B. V., and GILLESPIE, I. E.: Gastric pouch responses before and after vagal denervation of the pouch, **204**
DAVENPORT, H. W.: Is the apparent hyposecretion of acid by patients with gastric ulcer a consequence of a broken barrier to diffusion of hydrogen ions into the gastric mucosa?, **513**
DAVIDSON, J. W. *See* JAMES, W. B., MELROSE, A. G., DAVIDSON, J. W., and RUSSELL, R. I.
DAVIS, A. E., and BIGGS, J. C.: The pancreas and iron absorption, **140**
DAWSON, A. M. *See* HOLDSWORTH, C. D., and DAWSON, A. M.
—. *See also* MCMICHAEL, H., WEBB, J., and DAWSON, A. M.
DEARING, W. H. *See* ALARCÓN-SEGOVIA, D., HERSKOVIC, T., DEARING, W. H., BARTHOLOMEW, L. G., CAIN, J. C., and SHORTER, R. G.
Defaecation and anal continence, some aspects of, **396**
DELLER, D. J., and WANGEL, A. G.: Intestinal motility in man: behaviour of small intestine following partial gastrectomy with special reference to the dumping syndrome, **102**
—. *See also* WANGEL, A. G., and DELLER, D. J.
DESAI, H. G. *See* ANTIA, F. P., DESAI, H. G., CHAPHEKAR, P. M., CHHABRA, R. H., SWAMI, R. H., and BORKAR, A. V.
—. *See also* ANTIA, F. P., DESAI, H. G., JEEJEEBHOY, K. N., and BORKAR, A. V.
DEWELL, J. V. *See* FISHLOCK, D. J., PARKS, A. G., and DEWELL, J. V.
Diabetes mellitus, gastric emptying and secretion in, **262**
Diarrhoea, chronic, adrenal ganglioneuroma as cause of, **103**
—, severe, in primary amyloidosis, **14**
— with alkalosis, congenital, so-called, **29**
Diet, influence on occult blood tests, **595**
DITTBRENNER, M. *See* RAGINS, H., and DITTBRENNER, M.
Disaccharide malabsorption in adults, **205**
Diverticulosis, effect of morphine, prostigmine, pethidine, and probanthine on colon in, studied by intraluminal pressure recording and cineradiography, **57**
DOLL, R., HILL, I. D., and HUTTON, C. F.: Treatment of gastric ulcer with carbenoxolone sodium and oestrogens, **19**
—. *See also* LANGMAN, M. J. S., and DOLL, R.
DOMBAL, T. de. *See* WATTS, J. MCK., DOMBAL, T. de, WATKINSON, G., and GOLIGHER, J. G.
DONIACH, D. *See* COGHILL, N. F., DONIACH, D., ROITT, I. M., MOLLIN, D. L., and WILLIAMS, A. W.
DUDLEY, H. A. F.: Experiences with hemigastrectomy, vagotomy, and gastroduodenostomy for duodenal ulcer, **104**
DUGGAN, J. M., and CHAPMAN, B.: Cirrhosis of the liver in Newcastle, N.S.W., **103**
Dumping syndrome, motility of small intestine during attacks, of, **102**
Duodenitis, chronic, a clinical pathological entity?, **376**
—, hookworm, gastric acid secretion in, **540**
Duodenum, acidification, inhibition of histamine-stimulated gastric secretion by, **204**
—, action of 5-hydroxytryptamine on, **338**
—, metastasizing carcinoma of, Peutz-Jeghers syndrome with, **179**
—, *p*H in bulb, **203**
— ulcer, acidity of gastric contents during nocturnal intragastric drip therapy in patients with, **274**
—, — and nocturnal *p*H, relationship between, **203**
—, —, effect of different foods on acidity of gastric contents in patients with, **113**
—, —, hemigastrectomy, vagotomy and gastroduodenostomy for, **104**
—, —, in children, **25**
—, —, relationship between pre-operative bleeding and perforation and bleeding after operations for, **134**
DUTHIE, H. L.: The mechanism of inhibition of histamine-stimulated gastric secretion by duodenal acidification in man, **204**
— and WATTS, J. M.: Contribution of the external anal sphincter to the pressure zone in the anal canal, **64**
—. *See also* BLUMGART, L. H., NAYLOR, F. D., and DUTHIE, H. L.
—. *See also* FIELDS, M., and DUTHIE, H. L.
Dystrophia myotonica, pharynx and oesophagus in, **392**

EASTHAM, R. D. *See* BUTLER, T. J., and EASTHAM, R. D.
EDWARDS, D. A. W. *See* PHILLIPS, S. F., and EDWARDS, D. A. W.
ELLIS, F., and COLE, F. L.: Reflux after cardiomyotomy, **80**
ELLIS, H. *See* KREEL, L., and ELLIS, H.
Endocrine system, influence on growth of gastric mucosa in rat, **204**
Enemata, retention, in colitis, modified technique for administration, **514**
Enteritis, radiation, with malabsorption, **560**
—, regional, epidemiological study in Oxford area, **311**
Enterocolitis, ischaemic, **213**
Enterolith, chemical analysis of, **384**
Eosinophilic infiltration in gastric fibroma, **85**

EVANS, J. G., and ACHESON, E. D.: An epidemiological study of ulcerative colitis and regional enteritis in the Oxford area, **311**
EVANSON, J. M., and STANBURY, S. W.: Congenital chloridorrhoea or so-called congenital alkalosis with diarrhoea, **29**

FANTL, P., ROLLO, A. J., and STROSBERG, H.: Chemical analysis of an enterolith, **384**
Fat, intraluminal digestion of, effect of vagotomy on, **301**
FENTON, B. H. *See* PIPER, D. W., and FENTON, B. H.
—. *See also* PIPER, D. W., GRIFFITH, E. M., FENTON, B. H., and BEESTON, D.
Fibroma, gastric, with eosinophilic infiltration, **85**
FIELDS, M., and DUTHIE, H. L.: Effect of vagotomy on intraluminal digestion of fat in man, **301**
FISHLOCK, D. J., PARKS, A. G., and EDWELL, J. V.: Action of 5-hydroxytryptamine on the human stomach, duodenum, and jejunum *in vitro*, **338**
Fistulae, arteriovenous, splenic, portal hypertension resulting from, **500**
FLESHLER, B., and GABUZDA, C. J.: Effect of ammonium chloride and urea infusions on ammonium levels and acidity of gastric juice, **349**
FLETCHER, J.: Serum complement levels in active ulcerative colitis, **172**
—. *See also* BABOURIS, N., FLETCHER, J., and LENNARD-JONES, J. E.
FOURMAN, P. *See* MORGAN, D. B., PATERSON, C. R., WOODS, G. G., FOURMAN, P., and PULVERTAFT, C. N.
Freezing, gastric, in rat, **494**
FRIČ, P., and LEPŠÍK, J.: Use of Ödman-Ledin catheter and Seldinger wire with Crosby capsule, **101**
Fructose absorption in idiopathic steatorrhoea, **387**

GABUZDA, G. J. *See* FLESHLER, B., and GABUZDA, C. J.
GAINI, M. *See* SARLES, H., SARLES, J. C., CAMATTE, R., MURATORE, R., GAINI, M., GUIEN, C., PASTOR, J., and LE ROY, F.
GALAMBOS, J. T. *See* LAURIJSSENS, M. J., and GALAMBOS, J. T.
Gall stones in diverticula of lower common bile duct, **95**
Ganglioneuroma, adrenal, as cause of diarrhoea and failure to thrive in childhood, **103**
Gastrectomy, osteomalacia after, in York, **206**
—, partial, motility of small intestine following, **102**
Gastric acid secretion, maximal histamine test of, **364**
— — — in hookworm duodenitis, **540**
— juice, effect of ammonium chloride and urea infusions on ammonium levels and acidity of, **349**
— secretion in pylorus-ligated rat, effect of L-thyroxine on, **343**
Gastrin, effect on secretory capacity of stomach, **525**
—, synthetic peptides related to, physiological properties of, **205**
Gastritis, atrophic, intracellular enzymatic histochemistry of stomach with reference to, **357**
—, —, simple autoantibodies in, **48**
—, —, —, radiological diagnosis of, **372**
Gastroduodenal junctional zone, pressure profile of, in dogs, **163**
Gastroduodenostomy, hemigastrectomy and vagotomy for duodenal ulcer, **104**
Gastroenterological Society of Australia, annual meeting 1964, **101**
Gastrointestinal haemorrhage and protein loss in primary amyloidosis, **14**
— —, causal influences in, **1**
Gastrojejunostomy with and without vagotomy, absorption studies after, **69**
GEOKAS, M. S. *See* BECK, I. T., KAHN, D. S., LACERTE, M., SOLYMAR, S., CALLEGARINI, U., GEOKAS, M. C., and PHELPS, E.
GIBSON, J. B. *See* JOHNSTON, G. W., and GIBSON, J. B.
GILLESPIE, I. E. *See* DALY, D. W., HEATHCOTE, B. V., and GILLESPIE, I. E.
—. *See also* PAYNE, R. A., GILLESPIE, I. E., and KAY, A. W.
Glucose absorption in idiopathic steatorrhoea, **387**
Glutathione in hepatic cirrhosis, controlled clinical trial of, **472**
Glymaxil in treatment of duodenal ulcer, **274**
GOLDSTEIN, G.: Treatment of lupoid hepatitis with 6-mercaptopurine and azothioprine, **103**
GOLIGHER, J. C. *See* WATTS, J. MCK., DOMBAL, T. de, WATKINSON, G., and GOLIGHER, J. C.
GOODMAN, B., and PERROTT, N.: Use of diagnostic cytology for early diagnosis of carcinoma of stomach, **104**
GOULD, J. C. *See* GUNN, A. A., and GOULD, J. C.
GOULSTON, K., and SKYRING, A.: Effect of colchicine on small intestinal mucosa of the rat, **101**
GOULSTON, S. J. M., and MCGOVERN, V. J.: Pseudomembranous colitis, **207**
—. *See also* MCGOVERN, V., and GOULSTON, S. J. M.
GRAY, B. K., LOCKHART-MUMMERY, H. E., and MORSON, B. C.: Crohn's disease of the anal region, **515**
GREGOR, O., ANDRÝSEK, O., BEDNÁŘ, B., HANÍK, L., VANĚČKOVÁ, O., and ŠÍSTEK, L.: Macroautoradiography with radiophosphorus in cancer of stomach, **234**
GREGORY, R. A. *See* TRACY, H. J., and GREGORY, R. A.
GRIFFITH, E. M. *See* PIPER, D. W., GRIFFITH, E. M., FENTON, B. H., and BEESTON, D.
GROSSMAN, M. I. *See* WORMSLEY, K. G., and GROSSMAN, M. I.
GUIEN, C. *See* SARLES, H., SARLES, J. C., CAMATTE, R., MURATORE, R., GAINI, M., GUIEN, G., PASTOR, J., and LE ROY, F.
GUNN, A. A., and GOULD, J. C.: Control of the intestinal flora by means of antibacterial drugs in surgery of the colon, **582**

Haemangiopericytoma of stomach, **77**
Haematemesis, causal influences in, **1**
HANÍK, L., *See* GREGOR, O., ANDRÝSEK, O., BEDNÁŘ, B., HANÍK, L., VANĚČKOVÁ, O., and ŠÍSTEK, L.
HARKINS, H. N. *See* MIDDLETON, M. D., KELLY, K. A., NYHUS, L. M., and HARKINS, H. N.
HART, J. C. D. *See* LENNARD-JONES, J. E., HART, J. C. D., and WILCOX, P. B.
HEATHCOTE, B. V. *See* DALY, D. W., HEATHCOTE, V. B., and GILLESPIE, I. E.
Hemigastrectomy, vagotomy and gastroduodenostomy for duodenal ulcer, **104**
HENNESSY, W. B., and BIGGS, J. C.: Three unusual examples of intestinal malabsorption, **101**
Hepatic bile, protein loss in, **103**
Hepatitis, lupoid, treatment with 6-mercaptopurine and azothioprine, **103**
HERSHFIELD, N. B., LIND, J. F., HILDES, J. A., and MCMORRIS, L. S.: Secretory function of Barrett's epithelium, **535**
HERSKOVIC, T. *See* ALARCÓN-SEGOVIA, D., HERSKOVIC, T., DEARING, W. H., BARTHOLOMEW, L. G., CAIN, J. C., and SHORTER, R. G.
HILDES, J. A. *See* HERSHFIELD, N. B., LIND, J. F., HILDES, J. A., and MCMORRIS, L. S.
HILL, I. D. *See* DOLL, R., HILL, I. D., and HUTTON, C. F.
Histalog, effect on secretory capacity of stomach, **525**
—, maximal, test in control subjects and patients with peptic ulcer, **427**
Histamine, effect on secretory capacity of stomach, **525**
—, gastric response to, cholinergic potentiation of, **204**
—stimulated gastric secretion, inhibition by duodenal acidification, **204**
—, maximal, test, **364**
HOLDSWORTH, C. D., and DAWSON, A. M.: Glucose and fructose absorption in idiopathic steatorrhoea, **387**
Hookworm duodenitis, gastric acid secretion in, **540**
HUTTON, C. F. *See* DOLL, R., HILL, I. D., and HUTTON, C. F.
5-Hydroxytryptamine, action on stomach, duodenum and jejunum, **338**
Hypertension, portal, resulting from splenic arteriovenous fistulae, **500**
Hypoproteinaemia in adults, tolbutamide in, sequential trial of, **290**
Hypothermia, gastric, experimental studies in, **206**
—, —, new inlet device for use in, **407**

Ibadan, intestinal obstruction in, **151**
Ileum, multiple stenoses of, in adult, **92**
ILLINGWORTH, D. G.: Influence of diet on occult blood tests, **595**
India, northern, prevalence and clinical pattern of non-specific ulcerative colitis in, **448**
Intestine, effect of thyroxine on isolated rat, **200**
—, — of vagotomy on intraluminal digestion of fat in man, **301**
—, flora control by means of antibacterial drugs in surgery of colon, **582**
—, — in amoebiasis, **588**
—, function tests, limitations of, **205**
—, large, Crohn's diisease of, radiology of, **205**
—, —, mucus, sodium and potassium content of, **439**
—, lumen, value of reference substances polyethyleneglycol, bromsulphthalein and ^{51}Cr as indicators of fluid content in, **487**
—, malabsorption in radiation enteritis, **560**
—, — in *Strongyloides stercoralis* infestation, **574**
—, — of small doses of castor oil in patients without steatorrhoea, **570**
— — syndrome associated with carcinoma of bronchus, **73**
— —, unusual examples of, **101**
—, obstruction, in Ibadan, **151**
—, *p*H of, studies of, by radiotelemetering, **606**

— protein-loss with generalized lymphatic abnormalities, **102**
—, radiation enteritis with malabsorption, **560**
—, small, effect of colchicine on mucosa of, in rat, **101**
—, —, motility of, following partial gastrectomy with special reference to the dumping syndrome, **102**
—, —, Peyer's patches in, development of, **225**
—, —, — —, effect of age on, **230**
—, —, post-mortem examination of, in coeliac syndrome, **466**
—, unexplained protein loss from, **146**
—, upper, motility of, in ulcerative colitis, idiopathic steatorrhoea, and the irritable colon syndrome, **325**
Intrinsic factor antibodies and intrinsic factor mediated vitamin B_{12} absorption in pernicious anaemia, **436**
Iron absorption, effect of pancreas on, **140**
Irradiation injury to colon, **444**
IRVINE, R. A. *See* MILNER, P. F., IRVINE, R. A., BARTON, C. J., BRAS, G., and RICHARDS, R.

JACOB, R. *See* VAISH, S. K., SAMPATHKUMAR, J., JACOB, R., and BAKER, S. J.
JAMES, W. B., MELROSE, A. G., DAVIDSON, J. W., and RUSSELL, R. I.: Radiological diagnosis of gastritis, **372**
JARNUM, S.: Gastrointestinal haemorrhage and protein loss in primary amyloidosis, **14**
JEEJEEBHOY, K. N. *See* ANTIA, F. P., DESAI, H. G., JEEJEEBHOY, K. N., and BORKAR, A. V.
Jejunum, action of 5-hydroxytryptamine on, **338**
JENNINGS, G. H.: Causal influences in haematemesis and melaena, **1**
JOHNSTON, G. W., and GIBSON, J. B.: Portal hypertension resulting from splenic arteriovenous fistulae, **500**
JONES, F. A. *See* CONNELL, A. M., JONES, F. A., and ROWLANDS, E. N.
—. *See also* MISIEWICZ, J. J., LENNARD-JONES, J. E., CONNELL, A. M., BARON, J. H., and JONES, F. A.
JONES, J. E. L. *See* JONES, J. H., LENNARD-JONES, J. E., and MISIEWICZ, J. J.
JONES, J. H., LENNARD-JONES, J. E., and MISIEWICZ, J. J.: Modified technique for administration of retention enemata in colitis, **514**
JÜRGENSEN, P. W. *See* WOLF-JÜRGENSEN, P.

KAHN, D. S. *See* BECK, I. T., KAHN, D. S., LACERTE, N., SOLYMAR, J., CALLEGARINI, U., GEOKAS, M. S., and PHELPS, E.
KAY, A. W. *See* PAYNE, R. A., GILLESPIE, I. E., and KAY, A. W.
KELLY, K. A. *See* MIDDLETON, M. D., KELLY, K. A., NYHUS, L. M., and HARKINS, H. N.
KEYNES, W. M.: Simple and complicated hypertrophic pyloric stenosis in the adult, **240**
KILPATRICK, S. J. *See* BLAIR, D. W., WILLIAMS, M. J., GARR, A. J., and KILPATRICK, S. J.
KNUDSEN, A. *See* WILLIAMS, J. P., and KNUDSEN, A.
KREEL, L., and ELLIS, N.: Pyloric stenosis in adults, clinical and radiological study of 100 consecutive patients, **253**
KUNE, G. A.: Gall stones in diverticula of lower common bile duct, **95**
Kveim test in study of Crohn's syndrome, **503**

LACERTE, M. *See* BECK, I. T., KAHN, D. S., LACERTE, M., SOLYMAR, J., CALLEGARINI, U., GEOKAS, M. C., and PHELPS, E.
LANGMAN, M. J. S.: Relationship between pre-operative bleeding and perforation and bleeding after operations for duodenal ulcer, **134**
— and DOLL, R.: ABO blood group and secretor status in relation to clinical characteristics of peptic ulcers, **270**
LASTER, E. *See* MATTHEWS, D. M., and LASTER, L.
LAURIJSSENS, M. J., and GALAMBOS, J. T.: Selective abdominal angiography, **477**
LE ROY, F. *See* SARLES, H., SARLES, J. C., CAMATTE, R., MURATORE, M., GAINI, M., GUIEN, C., PASTOR, J., and LE ROY, F.
LEE, F. D. *See* TANKEL, H. I., CLARK, D. H., and LEE, F. D.
LENNARD-JONES, J. E., and BABOURIS, N.: Effect of different foods on the acidity of the gastric contents in patients with duodenal ulcer. Part I. A comparison between two 'therapeutic' diets and freely-chosen meals, **113**
—, HART, J. C. D., and WILCOX, P. B.: Acidity of gastric contents during nocturnal intragastric drip therapy in patients with duodenal ulcer, **274**
—. *See also* BABOURIS, N., FLETCHER, J., and LENNARD-JONES, J. E.
—. *See also* JONES, J. H., LENNARD-JONES, J. E., and MISIEWICZ, J. J.
—. *See also* MISIEWICZ, J. J., LENNARD-JONES, J. E., CONNELL, A.M., BARON, J. H., and JONES, F. A.
LEONARD, P. J. *See* BANWELL, J. G., LEONARD, P. J., and LOBO, R. M. F.
LEPPARD, P. *See* CREAMER, B., and LEPPARD, P.
LEPŠÍK, J. *See* FRIČ, P., and LEPŠÍK, J.
LIND, J. F., *See* HERSHFIELD, N. B., LIND, J. F., HILDES, J. E., and MCMORRIS, L. S.
Liver biopsies, showing brown pigment, correlation between pathological and clinical findings, in, **194**
—, cirrhosis, controlled clinical trial of glutathione in, **472**
— — in Newcastle, N.S.W., **103**
— function, effect of age on, with particular reference to bromsulphthalein excretion, **266**
—, lupoid hepatitis, treatment with 6-mercaptopurine and azothioprine, **103**
LOBO, R. M. F. *See* BANWELL, J. G., LEONARD, P. J., and LOBO, R. M. F.
LOCKHART-MUMMERY, H. E. *See* GRAY, B. K., LOCKHART-MUMMERY, H. E., and MORSON, B. C.
LOEWENTHAL, J. *See* MAY, J., and LOEWENTHAL, J.
LOUW, J. H. *See* BANK, S., MARKS, I. N., SEALY, R., LOUW, J. H., and SILBER, W.
L-thyroxine, effect on gastric secretion in the pylorus-ligated rat, **343**
Lupus erythematosus cell phenomenon in patients with chronic ulcerative colitis, **39**
Lymphatic abnormalities, generalized, with protein-losing enteropathy, **102**

MACDERMOT, V. *See* PIERCE, J. W., CREAMER, B., and MACDERMOT, V.
MCGOVERN, V. J., and GOULSTON, S. J. M.: Ischaemic enterocolitis, **213**
—, —: Pseudomembranous colitis, **104**
—. *See also* GOULSTON, S. J. M., and MACGOVERN, V. J.
MCMANUS, J. P. A. *See* MAKHLOUF, G. M., MCMANUS, J. P. A., and CARD, W. I.
MCMICHAEL, H., WEBB, J., and DAWSON, A. M.: Disaccharide malabsorption in adults, **205**
MCMORRIS, L. S. *See* HERSHFIELD, N. B., LIND, J. F., HILDES, J. A., and MCMORRIS, L. S.
Macroautoradiography with radiophosphorus in cancer of stomach, **234**
MAKHLOUF, G. M., MCMANUS, J. P. A., and CARD, W. I.: A comparative study of the effects of gastrin, histamine, histalog, and mechothane on the secretory capacity of the human stomach in 2 normal subjects over 20 months, **525**
Mantoux test, in study of Crohn's syndrome, **503**
MARANGOS, G. N.: Haemangiopericytoma of the stomach, **77**
MARKS, I. N. *See* BANK, S., MARKS, I. N., SEALY, R., LOUW, J. H., and SILBER, W.
MASON, M. K.: Surface carcinoma of stomach, **185**
MATHUR, A. K. *See* TANDON, B. N., MATHUR, A. K., MOHAPATRA, L. N., TANDON, H. D., and WIG, K. L.
MATTHEWS, D. M., and LASTER, D.: Absorption of protein digestion products, **411**
MATTY, A. J., and SASHADRI, B.: Effect of thyroxine on the isolated rat intestine, **200**
MAY, J., and LOEWENTHAL, J.: Irradiation injury to the colon, **444**
Mechothane, effect on secretory capacity of stomach, **525**
Melaena, causal influences in, **1**
MELROSE, A. G. *See* HAMES, W. B., MELROSE, A. G., DAVIDSON, J. W., and RUSSELL, R. I.
6-Mercaptopurine and azothioprine in treatment of lupoid hepatitis, **103**
MIDDLETON, M. D., KELLY, K. A., NYHUS, L. M., and HARKINS, H. N.: Selective vagal effects on the intestinal phase of gastric secretion, **296**
MILLIKEN, J. C.: Duodenal ulceration in children, **25**
MILNER, P. F., IRVINE, R. A., BARTON, C. J., BRAS, G., and RICHARDS, R.: Intestinal malabsorption in *Strongyloides stercoralis* infestation, **574**
MILTON, G. W.: Effect of local trauma on acid secretion during maximal stimulation, **102**
MISIEWICZ, J. J., LENNARD-JONES, J. E., CONNELL, A. M., BARON, J. H., and JONES, F. A.: Controlled clinical trials of prednisone and sulphasalazine as maintenance treatments for ulcerative colitis in remission, **204**
—. *See also* JONES, J. H., LENNARD-JONES, J. E., and MISIEWICZ, J. J.
MISTILIS, S. P., and SKYRING, A. P.: Protein losing enteropathy with generalized lymphatic abnormalities, **102**
MOHAPATRA, L. N. *See* TANDON, B. N., MATHUR, A. K., MOHAPATRA, L. N., TANDON, H. D., and WIG, K. L.
MOLLIN, D. L. *See* COGHILL, N. F., DONIACH, D., ROITT, I. M., MOLLIN, D. L., and WILLIAMS, A. W.
MORGAN, D. B., PATERSON, C. R., WOODS, C. G., FOURMAN, P., and PULVERTAFT, C. N.: Osteomalacia after gastrectomy in York, **206**

MORGAN, M. N.: Multiple congenital stenoses of ileum in an adult, 92
Morphine, effect on colon in diverticulosis, 57
MORRIS, P. J.: Familial ulcerative colitis, 176
MORSON, B. C. *See* GRAY, B. K., LOCKHART-MUMMERY, H. E., and MORSON, B. C.
Mucosa, gastric, influence of endocrine system on growth of, in rat. 204
—, small intestinal, effect of colchicine on, in rat, 101
MULEKAR, A. M. *See* VAKIL, B. J., and MULEKAR, A. M.
MUMMERY, H. E. L. *See* GRAY, B. K., LOCKHART-MUMMERY, H. E., and MORSON, B. C.
MURATORE, R. *See* SARLES, H., SARLES, J. C., CAMATTE, R., MURATORE, R., GAINI, M., GUIEN, C., PASTOR, J., and LE ROY, F.
MUTALIK, G. S., and SINGH, I.: A sequential trial of tolbutamide in hypoproteinaemia in adults, 290

NARIELVALA, F. M. *See* RAJU, S., and NARIELVALA, F. M.
NAYLOR, F. D. *See* BLUMGART, D. H., NAYLOR, F. D., and DURHIE, H. L.
New South Wales, observations from, on changing incidence of gastric ulcer in Australia, 121
Newcastle, N.S.W., cirrhosis of liver, in, 103
NYHUS, L. M. *See* MIDDLETON, M. D., KELLY, K. A., NYHUS, L. M., and HARKINS, H. N.

Odman-Ledin catheter and Seldinger wire, use with Crosby capsule, 101
Oesophagus in dystrophia myotonica, 392
—, secretory function of Barrett's epithelium in, 535
Oestrogens and carbenoxolone sodium in treatment of gastric ulcer, 19
Ortholidine tests, influence of diet on, 595
Osteomalacia after gastrectomy in York, 206
Oxford area, epidemiological study of ulcerative colitis and regional enteritis in, 311

Pain, abdominal, associated with colonic hypermotility after meals, 105
PAINTER, N. S., TRUELOVE, S. C., ARDRAN, G. M., and TUCKEY, M.: Effect of morphine, prostigmine, pethidine, and probanthine on the human colon in diverticulosis studied by intraluminal pressure recording and cineradiography, 57
Pancreas and iron absorption, 140
Pancreatitis, acute, recurring and chronic, 545
PARKS, A. G. *See* FISHLOCK, D. J., PARKS, A. G., and DEWELL, J. V.
PARRISH, J. A., and RAWLINS, C.: Intestinal mucosal in Zollinger-Ellison syndrome, 286
PASTOR, J. *See* SARLES, H., SARLES, J. C., CAMATTE, R., MURATORE, R., GAINI, M., GUIEN, C., PASTOR, H., and LE ROY, F.
PATERSON, C. R. *See* MORGAN, D. B., PATERSON, C. R., WOODS, C. G., FOURMAN, P., and PULVERTAFT, G. N.
PATON, E., *See* WATSON, W. C., and PATON, E.
PAYNE, R. A., GILLESPIE, I. E., and KAY, A. W.: Cholinergic potentiation of the gastric response to histamine in man, 204
Pepsin, *p*H stability and activity curves of, with special reference to their clinical importance, 506
Peptic ulcer, ABO blood group and secretor status in relation to clinical characteristics of, 270
— —, antacid dosage in, 102
— —, maximal histalog test in, 427
Peptides, synthetic, related to gastrin, physiological properties of, 205
PERROTT, N. *See* GOODMAN, B., and PERROTT, N.
Pethidine, effect on colon in diverticulosis, 57
Peutz-Jeghers syndrome with metastasizing duodenal carcinoma, 179
Peyer's patches in small intestine, development of, 225
— — — — —, effect of age on, 230
Pharynx in dystrophia myotonica, 392
PHELPS, E. *See* BECK, I. T., KAHN, D. S., LACERTE, M., SOLYMAR, J., CALLEGARINI, U., GEOKAS, M. C., and PHELPS, E.
PHILLIPS, S. F., and EDWARDS, D. A. W.: Some aspects of anal continence and defaecation, 396
PIERCE, J. W., CREAMER, B., and MACDERMOT, V.: Pharynx and oesophagus in dystrophia myotonica, 392
PIPER, D. W.: Antacid dosage in peptic ulcer, 102
— and FENTON, B. H.: *p*H stability and activity curves of pepsin with special reference to their clinical importance, 506
—, GRIFFITH, E. M., FENTON, B. H., and BEESTON, D.: Protein content of gastric juice, 599, 602
Polyethyleneglycol, value as indicator of fluid content in intestinal lumen, 487
Potassium content of mucus from large intestine, 439
Prednisone as maintenance treatment for ulcerative colitis in remission, 204
PRESTWICH, J. C. *See* RHODES, J., APSIMON, H. T., and PRESTWICH, J. C.
Probanthine, effect on colon in diverticulosis, 57
Prostigmine, effect on colon in diverticulosis, 57
Protein content of gastric juice, 599, 602
Protein digestion products, absorption of, 411
— loss in hepatic bile, 103
— — in primary amyloidosis, 14
— —, intestinal, unexplained, 146
— — — with generalized lymphatic abnormalities, 102
PULVERTAFT, C. N. *See* MORGAN, D. B., PATERSON, C. R., WOODS, C. G., FOURMAN, P., AND PULVERTAFT, C. N.
Pyloric stenosis, hypertrophic, simple and complicated, in adult, 240
— — in adults, clinical and radiological study, 253

Radiation enteritis with malabsorption, 560
Radiophosphorus, macroautoradiography with, in cancer of stomach, 234
Radiotelemetering in studies of intestinal *p*H, 606
RAGINS, H., and DITTBRENNER, M.: Intracellular enzymatic histochemistry of the human stomach with special reference to atrophic gastritis, 357
RAJU, S., and NARIELVALA, F. N.: Study of gastric acid secretion in hookworm duodenitis, 540
RANKIN, J. G.: Loss of proteins in human and canine hepatic bile, 103
RAWLINS, C. *See* PARRISH, J. H., and RAWLINS, C.
Recto-sigmoid junction, sigmoidoscopic and radiological study of, 509
Reflux after cardiomyotomy, 80
RENDALL, M.: New technique for portal catheterization in dogs, 613
RHODES, J., APSIMON, H. T., and PRESTWICH, J. C.: The pH in the duodenal bulb, 203
RICHARDS, B.: The relationship between duodenal ulceration and nocturnal duodenal *p*H, 203
RICHARDS, R. *See* MILNER, F. P., IRVINE, R. A., BARTON, C. J., BRASS, G., and RICHARDS, R.
RIIS, P. *See* WOLF-JÜRGENSEN, P., ANTHONISEN, P., and RIIS, P.
RITCHIE, J. A., and SALEM, S. N.: Upper intestinal motility in ulcerative colitis, idiopathic steatorrhoea, and the irritable colon syndrome. 325
ROITT, I. M. *See* COGHILL, N. F., DONIACH, D., ROITT, I. M., MOLLIN, D. L. and WILLIAMS, A. W.
ROLLO, A. J. *See* FANTL, P., ROLLO, A. J., and STROSBERG, H.
ROSENOER, V. M. *See* WALKER, J. G., ROSENOER, V. M., CRAIGIE, A., WILLIAMS, A. E., and SHERLOCK, S.
ROWLANDS, E. N. *See* CONNELL, A. M., JONES, F. A., and ROWLANDS, E. N.
ROY, A. D. *See* CLARK, R. V., THOMAS, I. G., and ROY, A. D.
RUSSELL, R. I. *See* JAMES, W. B., MELROSE, A. G., DAVIDSON, J. W., and RUSSELL, R. I.

SALEM, S. N., SALT, R. H., and TRUELOVE, S. C.: Crosby small-intestinal capsule with radio-opaque tube and latex sheath, 99
—. *See also* RITCHIE, J. A., and SALEM, S. N.
SALM, R.: Gastric fibroma with eosinophilic infiltration, 85
SALT, R. H. *See* SALEM, S. N., SALT, R. H., and TRUELOVE, S. C.
SAMMONS, H. G.: Limitations of some intestinal function tests, 205
SAMPATHAKUMAR, J. *See* VAISH, S. K., SAMPATHKUMAR, J., JACOB, R., and BAKER, S. J.
SARLES, H., SARLES, J. C., CAMATTE, R., MURATORE, R., GAINI, M., GUIEN, C., PASTOR, J., and LE ROY, F.: Observations on 205 confirmed cases of acute pancreatitis, recurring pancreatitis, and chronic pancreatitis, 545
SARLES, J. C. *See* SARLES, H., SARLES, J. C., CAMATTE, R., MURATORE, R., GAINI, M., GUIEN, C., PASTOR, J., and LE ROY, F.
SCHIØDT, T. *See* TYGSTRUP, N., SCHIØDT, T., and WINKLER, K.
SCHLEGEL, J. F. *See* BRINK, B. M., SCHLEGEL, J. F., and CODE, C. F.
SCOBIE, B. A., and SIM, G. P. G.: Radiological appearances in achlorhydria, 137
SEALY, R. *See* BANK, S., MARKS, I. N., SEALY, R., LOUW, J. H., and SILBER, W.
SEGOVIA, D. A. *See* ALARCÓN-SEGOVIA, D.
Seldinger wire and Ódman-Ledin catheter, use with Crosby capsule, 101
Serum complement levels in active ulcerative colitis, 172
SESHADRI, B. *See* MATTY, A. J., and SESHADRI, B.

SHERLOCK, S. *See* COOK, G. C., and SHERLOCK, S.
—. *See also* WALKER, J. G., ROSENOER, V. M., CRAIGIE, A., WILLIAMS, A. E., and SHERLOCK, S.
SHORTER, R. G. *See* ALARCÓN-SEGOVIA, D., HERSKOVIC, T., DEARING, W. H., BARTHOLOMEW, L. G., CAIN, J. C., and SHORTER, R. G.
SILBER, W. *See* BANK, S., MARKS, I. N., SEALY, R., LOUW, J. H., and SILBER, W.
SIM, G. P. G. *See* SCOBIE, B. A., and SIM, G. P. G.
SINGH, I. *See* MUTALIK, G. S., and SINGH, I.
ŠÍSTEK, L. *See* GREGOR, O., ANDRÝSEK, O., BEDNÁŘ, B., HANÍK, L., VANĚČKOVÁ, O., and ŠÍSTEK, L.
SKYRING, A. *See* GOULSTON, K., and SKYRING, A.
SKYRING, A. P. *See* MISTILIS, S. P., and SKYRING, S. P.
Sodium content of mucus from the large intestine, **439**
SOLYMAR, J. *See* BECK, I. T., KAHN, D. S., LACERTE, M., SOLYMAR, J., CALLEGARINI, U., GEOKAS, M. C., and PHELPS, E.
Sphincter, external anal, contribution of, to pressure zone in anal canal, **64**
Spleen, arteriovenous fistulae of, portal hypertension resulting from, **500**
Sprue, tropical, stomach in, **458**
STANBURY, S. W. *See* EVANSON, J. M., and STANBURY, S. W.
Steatorrhoea associated with carcinoma of bronchus, **73**
—, idiopathic, glucose and fructose absorption in, **387**
—,—, upper intestinal motility in, **325**
STEWART, J. H., and STEWART, R. D. H.: A case of unexplained intestinal protein loss, **146**
STEWART, R. D. H. *See* STEWART, J. H., and STEWART, R. D. H.
Stomach, acid secretion during maximal stimulation, effect of local trauma on, **102**
—, — — in hookworm duodenitis, **540**
—, acidity of contents during nocturnal intragastric drip therapy in patients with duodenal ulcer, **274**
—, — — in patients with duodenal ulcer, effect of different foods on, **113**
—, action of 5-hydroxytryptamine on, **338**
—, carcinoma of, diagnostic cytology, for early diagnosis of, **104**
—, —, macroautoradiography with radiophosphorus in, **234**
—, emptying time, **203**
—, — and secretion, in diabetes mellitus, **262**
—, fibroma of, with eosinophilic infiltration, **85**
—, freezing of, in rat, **494**
—, gastrectomy, osteomalacia after, in York, **206**
—, gastric juice, effect of ammonium chloride and urea infusions on ammonium levels and acidity of, **349**
—, — —, protein content of, **599**, **602**
—, — pouch responses before and after vagal denervation of the pouch, **204**
—, — secretion in pylorus-ligated rat, effect of L-thyroxine on, **343**
—, — —, maximal histamine test of, **364**
—, gastritis, simple atrophic, autoantibodies in, **48**
—, haemangiopericytoma of, **77**
—, haemorrhage in, causal influences in, **1**
—, hemigastrectomy, vagotomy and gastroduodenostomy for duodenal ulcer, **104**
—, histamine-stimulated gastric secretion, inhibition of, by duodenal acidification, **204**
—, hypothermia, assessment of a new inlet device for use in, **407**
—, —, experimental studies in, **206**
—, intracellular enzymatic histochemistry, of, with special reference to atrophic gastritis, **357**
— in tropical sprue, **458**
—, mucosa, influence of endocrine system on growth of, in rat, **204**
—, radiological diagnosis of gastritis, **372**
—, secretion, selective vagal effects on intestinal phase of, **296**
—, secretory capacity of, effect of gastrin, histamine, histalog and mechothane on, **525**
—, surface carcinoma of, **185**
—, ulcer, changing incidence of, in Australia, **102**, **121**
— —, carbenoxolone sodium and oestrogens in treatment of, **19**
— — — —, **591**
—, —, is the apparent hyposecretion of acid a consequence of a broken barrier to diffusion of hydrogen ions into gastric mucosa?, **513**
Stools, tests for occult blood in, influence of diet on, **595**
Strongyloides stercoralis infestation, intestinal malabsorption in, **574**
STROSBERG, H. *See* FANTL, P., ROLLO, A. J., and STROSBERG, H.
Sulphasalazine as maintenance treatment for ulcerative colitis in remission, **204**
SWAMI, R. H. *See* ANTIA, F. P., DESAI, H. G., CHAPHEKAR, P. M., CHHABRA R. H., SWAMI, R. H., and BORKAR, A. V.
TANDON, N. B., MATHUR, A. K., MOHAPATRA, L. N., TANDON, H. D., and WIG, K. L.: A study of the prevalence and clinical pattern of non-specific ulcerative colitis in northern India, **448**
TANDON, H. D. *See* TANDON, B. N., MATHUR, A. K., MOHAPATRA, L. N., TANDON, H. D., and WIG, K. L.
TANKEL, H. I., CLARK, D. H., and LEE, F. D.: Radiation enteritis with malabsorption, **560**
THOMAS, I. G. *See* CLARK, R. V., THOMAS, I. G., and ROY, A. D.
THOMPSON, E. N., and WILLIAMS, R.: Effect of age on liver function with particular reference to bromsulphthalein excretion, **266**
THOMSON, T. J. *See* TURPIE, A. G. G., and THOMSON, T. J.
Thyroxine, effect on isolated rat intestine, **200**
Tolbutamide in hypoproteinaemia in adults, sequential trial of, **290**
TRACY, H. J., and GREGORY, R. A.: The physiological properties of some synthetic peptides related to gastrin, **205**
TRUELOVE, S. C. *See* PAINTER, N. S., TRUELOVE, S. C., ARDRAN, G. M., and TUCKEY, M.
—. *See also* SALEM, R. N., SALT, R. H., and TRUELOVE, S. C.
—. *See also* WRIGHT, R., and TRUELOVE, S. C.
TUCKEY, M. *See* PAINTER, N. S., TRUELOVE, S. C., ARDRAN, G. M., and TUCKEY, M.
TURPIE, A. G. G., and THOMSON, T. H.: Carbenoxolone sodium in the treatment of gastric ulcer with special reference to side-effects, **591**
TYGSTRUP, N., SCHIØDT, T., and WINKLER, K.: Correlation between pathological and clinical findings at 195 consecutive liver biopsies showing brown pigment, **194**

Ulcer, duodenal, acidity of gastric contents during nocturnal intragastric drip therapy in patients with, **274**
—, —, effect of different foods on acidity of gastric contents in patients with, **113**
—, —, hemigastrectomy, vagotomy, and gastroduodenostomy for, **104**
—, —, in children, **25**
—, —, relationship between pre-operative bleeding and perforation and bleeding after operations for, **134**
—, —, — to nocturnal duodenal *p*H, **203**
—, gastric, carbenoxolone sodium in treatment of, **591**
—, —, changing incidence of, in Australia, **102**, **121**
—, —, is apparent hyposecretion of acid a consequence of broken barrier to diffusion of hydrogen ions into gastric mucosa?, **513**
—, —, treatment with carbenoxolone, **591**
—, —, — — — and oestrogens, **19**
—, peptic, ABO blood group and secretor status in relation to clinical characteristics of, **270**
—, —, antacid dosage in, **102**
—, —, maximal histalog tests in, **427**
—, —, protein content of gastric juice in, **602**
Urea infusions, effect on ammonium levels and acidity of gastric juice, **349**

Vagal denervation of gastric pouch, pouch responses before and after, **204**
— effects, selective, on intestinal phase of gastric secretion, **296**
Vagotomy, effect on intraluminal digestion of fat in man, **301**
—, gastrojejunostomy with and without, absorption studies after, **69**
—, hemigastrectomy, and gastroduodenostomy for duodenal ulcer, **104**
VAISH, S. K., SAMPATHAKUMAR, J., JACOB, R., and BAKER, S. J.: The stomach in tropical sprue, **458**
VAKIL, B. J., and MULEKAR, A. M.: Studies with the maximal histamine test, **364**
VANĚČKOVÁ, O. *See* GREGOR, O., ANDRÝSEK, O., BEDNÁŘ, B., HANÍK, L., VANĚČKOVÁ, O., and ŠÍSTEK, L.
Vitamin B_{12}, intrinsic factor medicated, absorption in pernicious anaemia, **436**

WALKER, J. G., ROSENOER, V. M., CRAIGIE, A., WILLIAMS, A. E., and SHERLOCK, S.: Colonic exclusion in the treatment of chronic hepatic encephalopathy, **205**
WANGEL, A. G., and DELLER, D. J.: Malabsorption syndrome associated with carcinoma of bronchus, **73**
—. *See also* DELLER, D. J., and WANGEL, A. G.
WATKINSON, G. *See* WATTS, J., MCK., DOMBAL, T. de, WATKINSON, G., and GOLIGHER, J. C.
WATSON, W. C.: Malabsorption of small doses of castor oil in patients without steatorrhoea, **570**
—, and PATON, E.: Studies on intestinal *p*H by radiotelemetering, **606**

WATTS, J. M. *See* DUTHIE, H. L., and WATTS, J. M.
WATTS, J. MCK., DOMBAL, T. de, WATKINSON, G., and GOLIGHER, J. C.: The course of ulcerative colitis, **203**
WEBB, J. *See* MCMICHAEL, H., WEBB, J., and DAWSON, A. M.
WIG, K. L. *See* TANDON, B. N., MATHUR, A. K., MOHAPATRA, L. N., TANDON, H. D., and WIG, K. L.
WILCOX, P. B. *See* LENNARD-JONES, J. E., HART, J. C. D., and WILCOX, P. B.
WILLIAMS, A. E. *See* WALKER, J. G., ROSENOER, V. M., CRAIGIE, A., WILLIAMS, A. E., and SHERLOCK, S.
WILLIAMS, A. W. *See* COGHILL, N. F., DONIACH, D., ROITT, I. M., MOLLIN, D. F., and WILLIAMS, A. W.
WILLIAMS, J. P., and KNUDSEN, A.: Peutz-Jeghers syndrome with metastasizing duodenal carcinoma, **179**
WILLIAMS, M. J. *See* BLAIR, D. W., WILLIAMS, M. J., CARR, A. J., and KILPATRICK, S. J.
WILLIAMS, R. *See* THOMPSON, E. N., and WILLIAMS, R.
WILLIAMS, W. J.: A study of Crohn's syndrome using tissue extracts and the Kveim and Mantoux tests, **503**
WINKLER, K. *See* TYGSTRUP, N., SCHIØDT, T., and WINKLER, K.
WOLF-JÜRGENSEN, P., ANTHONISEN, P., and RIIS, P.: Cutaneous abacterial inflammatory reaction in patients with ulcerative colitis, **221**
WOODS, G. G. *See* MORGAN, D. B., PATERSON, C. R., WOODS, G. G., FOURMAN, P., and PULVERTAFT, C. N.
WORMSLEY, K. G., and GROSSMAN, M. I.: Maximal histalog test in control subjects and patients with peptic ulcer, **427**
WORNING, H., and AMDRUP, E.: Experimental studies on the value of the reference substances polyethyleneglycol, bromsulphthalein and ^{51}Cr as indicators of the fluid content in the intestinal lumen, **487**
WRIGHT, R., and TRUELOVE, S. C.: A controlled clinical trial of various types of diet in ulcerative colitis, **203**

York, osteomalacia after gastrectomy in, **206**
YOUNG, A. C.: Radiology of Crohn's disease of the large intestine, **205**

Zollinger-Ellison syndrome, intestinal mucosa in, **286**
— — —, malignant, in a Bantu woman with a prolonged remission after gastric radiotherapy, **279**

GUT

The Journal of the British Society of Gastroenterology

VOLUME SIX
1965

EDITOR
F. AVERY JONES

ASSISTANT EDITORS
NORMAN C. TANNER
SHEILA SHERLOCK

Editorial Committee

C. C. BOOTH
WILFRID CARD
SIR CHARLES DODDS
RICHARD DOLL
HENRY T. HOWAT
THOMAS HUNT
ANDREW W. KAY
H. A. MAGNUS
C. NAUNTON MORGAN
A. E. A. READ
HAROLD RODGERS
E. N. ROWLANDS
GEOFFREY WATKINSON
L. J. WITTS
A. W. WOODRUFF
EDITOR *British Medical Journal*

LONDON · BRITISH MEDICAL ASSOCIATION · TAVISTOCK SQUARE W.C.1

Contents

No. 1 FEBRUARY 1965

	Page
Causal influences in haematemesis and melaena G. H. JENNINGS	1
Gastrointestinal haemorrhage and protein loss in primary amyloidosis STIG JARNUM	14
Treatment of gastric ulcer with carbenoxolone sodium and oestrogens R. DOLL, I. D. HILL, and C. F. HUTTON	19
Duodenal ulceration in children J. C. MILLIKEN	25
Congenital chloridorrhoea or so-called congenital alkalosis with diarrhoea J. M. EVANSON and S. W. STANBURY	29
Lupus erythematosus cell phenomenon in patients with chronic ulcerative colitis DONATO ALARCÓN-SEGOVIA, TEODORO HERSKOVIC, WILLIAM H. DEARING, LLOYD G. BARTHOLOMEW, JAMES C. CAIN, and ROY G. SHORTER	39
Autoantibodies in simple atrophic gastritis N. F. COGHILL, D. DONIACH, I. M. ROITT, D. L. MOLLIN, and A. WYNN WILLIAMS	48
Effect of morphine, prostigmine, pethidine, and probanthine on the human colon in diverticulosis studied by intraluminal pressure recording and cineradiography NEIL STAMFORD PAINTER, S. C. TRUELOVE, G. M. ARDRAN, and M. TUCKEY	57
Contribution of the external anal sphincter to the pressure zone in the anal canal H. L. DUTHIE and J. M. WATTS	64
Absorption studies after gastrojejunostomy with and without vagotomy T. J. BUTLER and R. D. EASTHAM	69
Malabsorption syndrome associated with carcinoma of the bronchus A. G. WANGEL and D. L. DELLER	73
Haemangiopericytoma of the stomach G. N. MARANGOS	77
Reflux after cardiomyotomy FRANK ELLIS and F. L. CLOE	80
Gastric fibroma with eosinophilic infiltration R. SALM	85
Multiple congenital stenoses of the ileum in an adult M. NAUNTON MORGAN	92
Gall stones in diverticula of the lower common bile duct G. A. KUNE	95
Methods and techniques	
Crosby small-intestinal capsule with radio-opaque tube and latex sheath S. N. SALEM, R. H. SALT, and S. C. TRUELOVE	99
Use of Ödman-Ledin catheter and Seldinger wire with Crosby capsule P. FRIČ and J. LEPŠÍK	101
Gastroenterological Society of Australia	101

No. 2 APRIL 1965

	Page
Motility of the pelvic colon A. M. CONNELL, F. AVERY JONES, and E. N. ROWLANDS	
Part IV *Abdominal pain associated with colonic hypermotility after meals*	105
Effect of different foods on the acidity of the gastric contents in patients with duodenal ulcer	
Part I *A comparison between two 'therapeutic' diets and freely-chosen meals* J. E. LENNARD-JONES and N. BABOURIS	113
Part II *Effect of varying the size and frequency of meals* N. BABOURIS, JANET FLETCHER, and J. E. LENNARD-JONES	118
Observations from New South Wales on the changing incidence of gastric ulcer in Australia B. P. BILLINGTON	121
Relationship between pre-operative bleeding and perforation and bleeding after operations for duodenal ulcer M. J. S. LANGMAN	134
Radiological appearances in achlorhydria B. A. SCOBIE and G. P. G. SIM	137
The pancreas and iron absorption A. E. DAVIS and J. C. BIGGS	140
Measurement of trypsin and chymotrypsin activity in stools to detect chronic pancreatic disease J. G. BANWELL, P. J. LEONARD, and RITA M. F. LOBO	143
A case of unexplained gastrointestinal protein loss R. D. H. STEWART and J. H. STEWART	146
A review of 436 cases of intestinal obstruction in Ibadan G. J. COLE	151
The pressure profile of the gastroduodenal junctional zone in dogs BENNO M. BRINK, JERRY F. SCHLEGEL, and CHARLES F. CODE	163
Serum complement levels in active ulcerative colitis J. FLETCHER	172
Familial ulcerative colitis PETER J. MORRIS	176
Peutz-Jeghers syndrome with metastasizing duodenal carcinoma J. P. WILLIAMS and ANTHONY KNUDSEN	179
Surface carcinoma of the stomach M. K. MASON	185
Correlation between pathological and clinical findings in 195 consecutive liver biopsies showing brown pigment NIELS TYGSTRUP, TORBEN SCHIØDT, and KJELD WINKLER	194
Effect of thyroxine on the isolated rat intestine A. J. MATTY and B. SESHADRI	200
British Society of Gastroenterology	203

No. 3 JUNE 1965

	Page
Pseudo-membranous colitis S. J. M. GOULSTON and V. J. MCGOVERN	207
Ischaemic enterocolitis V. J. MCGOVERN and S. J. M. GOULSTON	213
Cutaneous abacterial inflammatory reaction in patients with ulcerative colitis PER WOLF-JÜRGENSEN, POUL ANTHONISEN, and POVL RIIS	221
Number, size, and distribution of Peyer's patches in the human small intestine J. S. CORNES	
Part I *The development of Peyer's patches*	225
Part II *The effect of age on Peyer's patches*	230
Macroautoradiography with radiophosphorus in cancer of the stomach O. GREGOR, O. ANDRÝSEK, B. BEDNÁŘ, L. HANÍK, O. VANĚČKOVÁ, and L. ŠÍSTEK	234
Simple and complicated hypertrophic pyloric stenosis in the adult W. MILO KEYNES	240
Pyloric stenosis in adults: A clinical and radiological study of 100 consecutive patients LOUIS KREEL and HAROLD ELLIS	253
Gastric emptying and secretion in patients with diabetes mellitus PAMELA AYLETT	262
Effect of age on liver function with particular reference to bromsulphalein excretion EILEEN N. THOMPSON and ROGER WILLIAMS	266
ABO blood group and secretor status in relation to clinical characteristics of peptic ulcers M. J. S. LANGMAN and R. DOLL	270
Acidity of gastric contents during nocturnal intragastric drip therapy in patients with duodenal ulcer J. E. LENNARD-JONES, J. C. D. HART, and PAMELA B. WILCOX	274
Malignant Zollinger-Ellison syndrome in a Bantu woman with a prolonged remission after gastric radiotherapy S. BANK, I. N. MARKS, R. SEALY, J. H. LOUW, and W. SILBER	279
Intestinal mucosa in the Zollinger-Ellison syndrome J. A. PARRISH and D. C. RAWLINS	286
A sequential trial of tolbutamine in hypoproteinaemia in adults G. S. MUTALIK and INDER SINGH	290
Selective vagal effects on the intestinal phase of gastric secretion MICHAEL D. MIDDLETON, KEITH A. KELLY, LLOYD M. NYHUS, and HENRY N. HARKINS	296
Effect of vagotomy on intraluminal digestion of fat in man MEIRA FIELDS and H. L. DUTHIE	301

No. 4 AUGUST 1965

	Page
An epidemiological study of ulcerative colitis and regional enteritis in the Oxford area J. G. EVANS and E. D. ACHESON	311
Upper intestinal motility in ulcerative colitis, idiopathic steatorrhoea and the irritable colon syndrome J. A. RITCHIE and S. N. SALEM	325
Action of 5-hydroxytryptamine on the human stomach, duodenum, and jejunum *in vitro* D. J. FISHLOCK, A. G. PARKS, and J. VERONICA DEWELL	338
Effect of L-thyroxine on gastric secretion in the pylorus-ligated rat D. W. BLAIR, M. J. WILLIAMS, A. J. CARR, and S. J. KILPATRICK	343
Effect of ammonium chloride and urea infusions on ammonium levels and acidity of gastric juice BERTRAM FLESHLER and GEORGE J. GABUZDA	349
Intracellular enzymatic histochemistry of the human stomach with special reference to atrophic gastritis H. RAGINS and M. DITTBRENNER	357
Studies with the maximal histamine test B. J. VAKIL and A. M. MULEKAR	364
Radiological diagnosis of gastritis W. B. JAMES, A. G. MELROSE, J. W. DAVIDSON, and R. I. RUSSELL	372
'Chronic duodenitis': A clinical pathological entity? I. T. BECK, D. S. KAHN, M. LACERTE, J. SOLYMAR, U. CALLEGARINI, and M. C. GEOKAS with the assistance of E. PHELPS	376
Chemical analysis of an enterolith P. FANTL, A. J. ROLLO, and H. STROSBERG	384
Glucose and fructose absorption in idiopathic steatorrhoea C. D. HOLDSWORTH and A. M. DAWSON	387
The pharynx and oesophagus in dystrophia myotonica J. W. PIERCE, B. CREAMER, and V. MACDERMOT	392
Some aspects of anal continence and defaecation S. F. PHILLIPS and D. A. W. EDWARDS	396
Assessment of a new inlet device for use in gastric hypothermia L. H. BLUMGART, F. D. NAYLOR, and H. L. DUTHIE	407

No. 5 OCTOBER 1965

	Page
Absorption of protein digestion products: A review D. M. MATTHEWS and LEONARD LASTER	411
Maximal histalog test in control subjects and patients with peptic ulcer KENNETH G. WORMSLEY and MORTON I. GROSSMAN	427
Intrinsic factor antibodies and intrinsic factor mediated vitamin B_{12} absorption in pernicious anaemia S. ARDEMAN and I. CHANARIN	436
Observations on the sodium and potassium content of mucus from the large intestine C. W. CRANE	439
Irradiation injury to the colon JAMES MAY and JOHN LOEWENTHAL	444
A study of the prevalence and clinical pattern of non-specific ulcerative colitis in northern India B. N. TANDON, A. K. MATHUR, L. N. MOHAPATRA, H. D. TANDON, and K. L. WIG	448
Incidence of intestinal amoebiasis F. P. ANTIA, H. G. DESAI, K. N. JEEJEEBHOY, and A. V. BORKAR	454
The stomach in tropical sprue S. K. VAISH, J. SAMPATHKUMAR, R. JACOB, and S. J. BAKER	458
Post-mortem examination of a small intestine in the coeliac syndrome B. CREAMER and P. LEPPARD	466
Results of a controlled clinical trial of glutathione in cases of hepatic cirrhosis G. C. COOK and SHEILA SHERLOCK	472
Selective abdominal angiography M. J. LAURIJSSENS and JOHN T. GALAMBOS	477
Experimental studies on the value of the reference substances polyethyleneglycol, bromsulphthalein, and ^{51}Cr as indicators of the fluid content in the intestinal lumen H. WORNING and E. AMDRUP	487
Gastric freezing in the rat R. BUCHAN and C. G. CLARK	494
Portal hypertension resulting from splenic arteriovenous fistulae GEORGE W. JOHNSTON and JAMES B. GIBSON	500
A study of Crohn's syndrome using tissue extracts and the Kveim and Mantoux tests W. JONES WILLIAMS	503
*p*H stability and activity curves of pepsin with special reference to their clinical importance D. W. PIPER and BARBARA H. FENTON	506
Sigmoidoscopic and radiological study of the recto-sigmoid junction R. V. CLARK, I. GREY THOMAS, and A. D. ROY	509
Comment	
Is the apparent hyposecretion of acid by patients with gastric ulcer a consequence of a broken barrier to diffusion of hydrogen ions into the gastric mucosa? HORACE W. DAVENPORT	513
Methods and techniques	
Modified technique for administration of retention enemata in colitis J. HOWELL JONES, J. E. LENNARD-JONES, and J. J. MISIEWICZ	514

No. 6 DECEMBER 1965

	Page
Crohn's disease of the anal region B. K. GRAY, H. E. LOCKHART-MUMMERY, and B. C. MORSON	515
A comparative study of the effects of gastrin, histamine, histalog, and mecholyl on the secretory capacity of the human stomach in two normal subjects over 20 months G. M. MAKHLOUF, J. P. A. MCMANUS, and W. I. CARD	525
Secretory function of Barrett's epithelium N. B. HERSHFIELD, J. F. LIND, J. A. HILDES, and L. S. MCMORRIS	535
Study of gastric acid secretion in hookworm duodenitis S. RAJU and F. M. NARIELVALA	540
Observations on 205 confirmed cases of acute pancreatitis, recurring pancreatitis, and chronic pancreatitis HENRI SARLES, JEAN-CLAUDE SARLES, ROGER CAMATTE, RAYMOND MURATORE, MICHEL GAINI, CLAUDE GUIEN, JEAN PASTOR, and FRANÇOISE LE ROY	545
Radiation enteritis with malabsorption H. I. TANKEL, D. H. CLARK, and F. D. LEE	560
Malabsorption of small doses of castor oil in patients with steatorrhoea W. C. WATSON	570
Intestinal malabsorption in *Strongyloides stercoralis* infestation P. F. MILNER, R. A. IRVINE, C. J. BARTON, G. BRAS, and R. RICHARDS	574
Control of the intestinal flora by means of antibacterial drugs in surgery of the colon A. A. GUNN and J. C. GOULD	582
Bacterial flora in intestinal amoebiasis F. P. ANTIA, H. G. DESAI, P. M. CHAPHEKAR, R. H. CHHABRA, R. H. SWAMI, and A. V. BORKAR	588
Carbenoxolone sodium in the treatment of gastric ulcer with special reference to side-effects A. G. G. TURPIE and T. J. THOMSON	591
Influence of diet on occult blood tests D. G. ILLINGWORTH	595
Protein content of gastric juice D. W. PIPER, ELLENORE M. GRIFFITH, BARBARA H. FENTON, and DEBORAH BEESTON	
Part I *A study of the validity of the biuret reaction in determining protein concentration after peptic digestion and acid hydrolysis of protein*	599
Part II *In normal subjects and patients suffering from peptic ulcer and gastric carcinoma*	602
Studies on intestinal *p*H by radiotelemetering W. C. WATSON and E. PATON	606
Methods and techniques	
New technique for portal catheterization in dogs MAX RENDALL	613